

Virginia Division of Consolidated Laboratory Services- Richmond, VA

NITRATE/NITRITE BY LACHAT QUIKCHEM METHOD 10-107-04-1-A					
Facility Name: _____ VELAP ID: _____					
Assessor Name: _____ Analyst Name: _____ Inspection Date: _____					
Relevant Aspect of Standards	Method Reference	Y	N	N/A	Comments
Records Examined: SOP Number/ Revision/ Date _____ Analyst: _____					
Sample ID: _____ Date of Sample Preparation: _____ Date of Analysis: _____					
1) If analyzing for Nitrite OR Nitrate, are samples preserved in the following manner: <u>Nonpotable</u> : ≤ 6°C, analyzed within 48 hours of collection <u>Drinking water</u> : ≤ 6°C, analyzed within 48 hours unless chlorinated, for which nitrate can be held up to 14 days	40 CFR 136.3 Table II, 40CFR 141.23 (k)(2), EPA 815-R-05-004				
2) If analyzing for Nitrate-Nitrite, are samples preserved to pH <2 with sulfuric acid, preserved by storing at ≤6°C, and analyzed within 28 days of collection?	40 CFR 136.3 Table II, 40CFR 141.23 (k)(2)				
3) Was the Sulfanilamide Color Reagent used for no longer than one month?	7.1				
4) Was the Stock Nitrate Standard used for no longer than six months?	7.1				
5) Was the Stock Nitrite Standard used for no longer than 3-5 days??	7.1				
6) Were working Nitrate Standards prepared fresh daily?	7.1				
7) Were working Nitrite Standards prepared fresh daily?	7.1				
8) Were MDLs determined prior to the analysis of samples with this method?	9.2.1				
9) Were LFMs analyzed at a frequency of 5% of samples?	9.3				
Notes/Comments:					